

ENERGY

Decide if the statement is "True" or "False" if it is false correct the underlined word to make it true.

- _____ 1. Anything that causes change must have energy. _____
- _____ 2. Kinetic energy is energy in the form of motion. _____
- _____ 3. The joule is the SI unit of energy. _____
- _____ 4. According to the law of conservation of energy, energy can be created or destroyed.

- _____ 5. Energy may change from one form to another, but the total amount of energy never changes.

- _____ 6. Mechanical energy is the total amount of potential and kinetic energy in a system.

- _____ 7. A rock at the edge of a 200-m high cliff has more potential energy than an equal-sized rock at the edge of a 600-m high cliff.

- _____ 8. The energy stored in foods and fuels is chemical potential energy.

Drag and Drop

Newton

Meter

Potential energy from height

Joule

Calorie

Force and distance

Joule

Energy in motion

Mass and Velocity

Characteristic	Kinetic energy	Gravitational potential energy
Definition		
Units of measure		
Quantities in calculation		